

TENNESSEE AIR POLLUTION CONTROL BOARD
DEPARTMENT OF ENVIRONMENT AND CONSERVATION
NASHVILLE, TENNESSEE 37243-1531



Permit to Construct or Modify an Air Contaminant Source Issued Pursuant to Tennessee Air Quality Act

Date Issued: August 20, 2012

Permit Number:
966264P

Date Expires: March 1, 2013

Issued To:
imi South, LLC

Installation Address:
261 Needmore Road
Clarksville

Installation Description:
Transit Mix Concrete Batch Plant
With Fabric Filter Control

Emission Source Reference No.
63-0303-01

The holder of this permit shall comply with the conditions contained in this permit as well as all applicable provisions of the Tennessee Air Pollution Control Regulations.

CONDITIONS:

1. The application that was utilized in the preparation of this permit is dated June 5, 2012 and signed by Kirk Reinke, Environmental Manager for the permitted facility. If this person terminates employment or is assigned different duties and is no longer the responsible person to represent and bind the facility in environmental permitting affairs, the owner or operator of this air contaminant source shall notify the Technical Secretary of the change. Said notification shall be in writing and submitted within thirty (30) days of the change. The notification shall include the name and title of the new person assigned by the source owner or operator to represent and bind the facility in environmental permitting affairs. All representations, agreement to terms and conditions and covenants made by the former responsible person that were used in the establishment of limiting permit conditions on this permit will continue to be binding on the facility until such time that a revision to this permit is obtained that would change said representations, agreements and covenants.

(conditions continued on next page)


TECHNICAL SECRETARY

No Authority is Granted by this Permit to Operate, Construct, or Maintain any Installation in Violation of any Law, Statute, Code, Ordinance, Rule, or Regulation of the State of Tennessee or any of its Political Subdivisions.

NON-TRANSFERABLE

POST AT INSTALLATION ADDRESS

2. The stated maximum production capacity for the concrete batch plant is 120 cubic yards of transit mix concrete per hour. Should the permittee wish to increase the maximum capacity of this source, the permittee shall apply for a construction permit in accordance with 1200-03-09-.01(1) of TAPCR.
3. The production rate for this source shall not exceed 100,000 cubic yards of transit mix concrete per calendar year. This limitation is established pursuant to Rule 1200-03-26-.02(6)(b) of TAPCR and the agreement contained in the application dated June 5, 2012 from the permittee.
4. The permittee shall record the amount of concrete produced at this facility during each calendar month, and maintain these records in a form that readily shows compliance with **Condition 3** (see example below). All data, including any required calculations, must be entered in the log no later than thirty (30) days from the end of the month for which the data is required, and shall be maintained at the source location. This log shall be kept available for inspection by the Technical Secretary or his representative and must be retained for a period of not less than two (2) years. TAPCR 1200-03-09

Month	Production (cubic yards)	Month	Production (cubic yards)	Month	Production (cubic yards)
January		May		September	
February		June		October	
March		July		November	
April		August		December	
Total(s) for calendar year _____					

5. Particulate matter emitted from each fabric filter exhaust at this source shall not exceed **0.25** grains per dry standard cubic foot of exhaust gas. The corresponding mass emissions, based on the exhaust flow rates reported in the applications, and the concrete production rates listed in **Conditions 2 and 3**, are calculated below. TAPCR 1200-03-07-.04(2) and TAPCR 1200-03-26-.02(6)(b).

Fabric filter control	Flow rate (ft ³ /min)	Emissions @ 0.25 gr/dscf (lb/hr)	Tons/yr
Cement silo fabric filter	450	0.96	
Fly ash silo #1 fabric filter	450	0.96	
Fly ash silo #2 fabric filter	450	0.96	
Silo-to-weigh-batcher & Weigh-batcher-discharge chute fabric filter	1,200	2.57	
Total	2,550	5.46	2.3

6. Visible emissions from roads and parking areas shall not exhibit greater than ten percent (10%) opacity utilizing Tennessee Visible Emission Evaluation (TVEE) Method 1, as adopted by the Tennessee Air Pollution Control Board on April 29, 1982, as amended on September 15, 1982 and August 24, 1984, (2-minute average). TAPCR 1200-03-05-.01(5) and TAPCR 1200-03-05-.03(6)
7. Fugitive emissions from this source shall be controlled as specified in Rule 1200-03-08-.01. Specifically, no person shall cause, suffer, allow, or permit fugitive dust to be emitted in such manner to exceed five (5) minutes per hour or twenty (20) minutes per day as to produce a visible emission beyond the property line of the property on which the emission originates, excluding malfunction of equipment as provided in Chapter 1200-03-20. Fugitive emissions from this source shall be determined by Tennessee Visible Emissions Evaluation Method 4 as adopted by the Tennessee Air Pollution Control Board on April 16, 1986.
8. Visible emissions from this source not covered by **Conditions 6 and 7** shall not exhibit greater than twenty percent (20%) opacity, except for one (1) six-minute period in any one (1) hour period, and for no more than four (4) six-minute periods in any twenty-four (24) hour period. Visible emissions from this source shall be determined by EPA Method 9, as published in the current 40 CFR 60, Appendix A (six-minute average). TAPCR 1200-03-05-.03(6) and TAPCR 1200-03-05-.01(1)

(conditions continued on next page)

9. Routine maintenance, as required to maintain specified emission limits, shall be performed on the air pollution control device. Maintenance records shall be recorded in a suitable permanent form and kept available for inspection by the Division. These records must be retained for a period of not less than two (2) years. TAPCR 1200-03-09
10. The source(s) controlled by the air pollution control device(s) shall not operate unless the control device(s) is in operation. In the event a malfunction/failure of a control device(s) occurs, the operation of the process(es) controlled by the control device(s) shall be regulated by the provisions of Chapter 1200-03-20 of the Tennessee Air Pollution Control Regulations.
11. This source shall comply with all applicable state and federal air pollution regulations. This includes, but is not limited to, federal regulations published under 40 CFR 63 for sources of hazardous air pollutants and 40 CFR 60, New Source Performance Standards. TAPCR 1200-03-09
12. This source shall operate in accordance with the terms of this permit and the information submitted in the approved permit application. TAPCR 1200-03-09
13. This permit shall serve as a temporary operating permit until receipt of a standard operating permit, regardless of expiration date, provided the operating permit is applied for within the time period specified in **Condition 14**, and provided the conditions of this permit and any applicable emission standards are met. TAPCR 1200-03-09
14. The permittee shall apply for an operating permit not later than sixty (60) days prior to the expiration of this permit. TAPCR 1200-03-09

(end of conditions)

The permit application gives the location of this source as 36°35'06" N Latitude and 87°18'25" W Longitude.